

FIG. 1

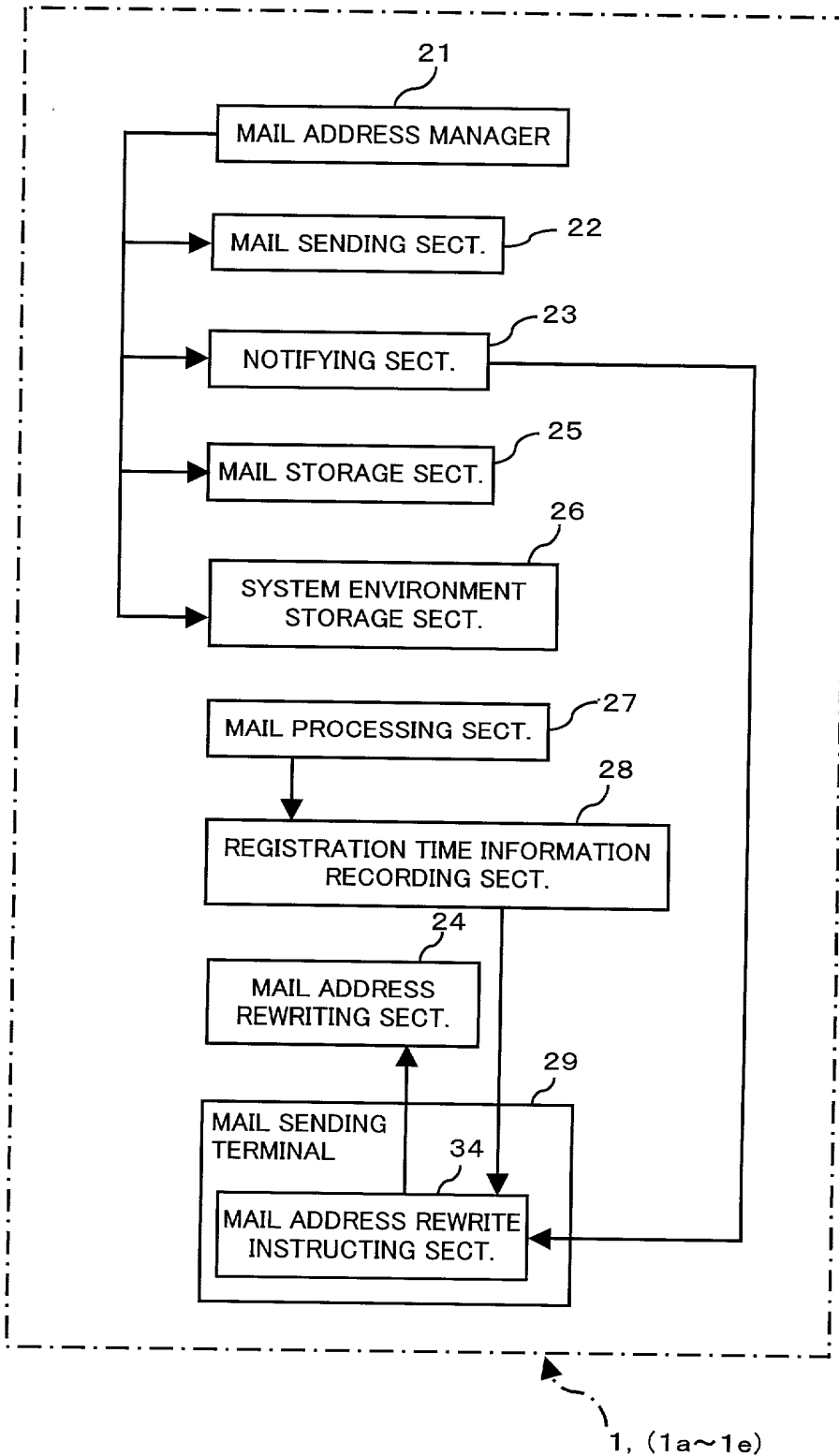


FIG. 2 is a block diagram of a network system 1 (31) according to an embodiment of the present invention. The network system 1 (31) includes a mail server 11a (11), a mail server 11b (11), a managing server 13 (33), and a client 10a-1 (10), 10a-2 (10), 10b-1 (10), 10b-2 (10), 10b-3 (10).

FIG. 2

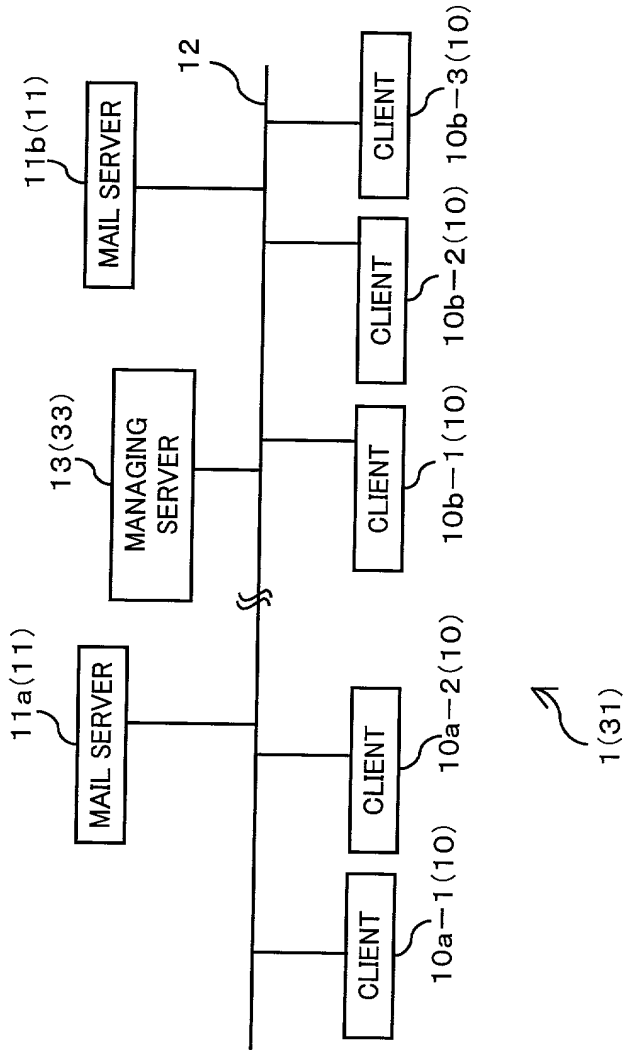


FIG. 3

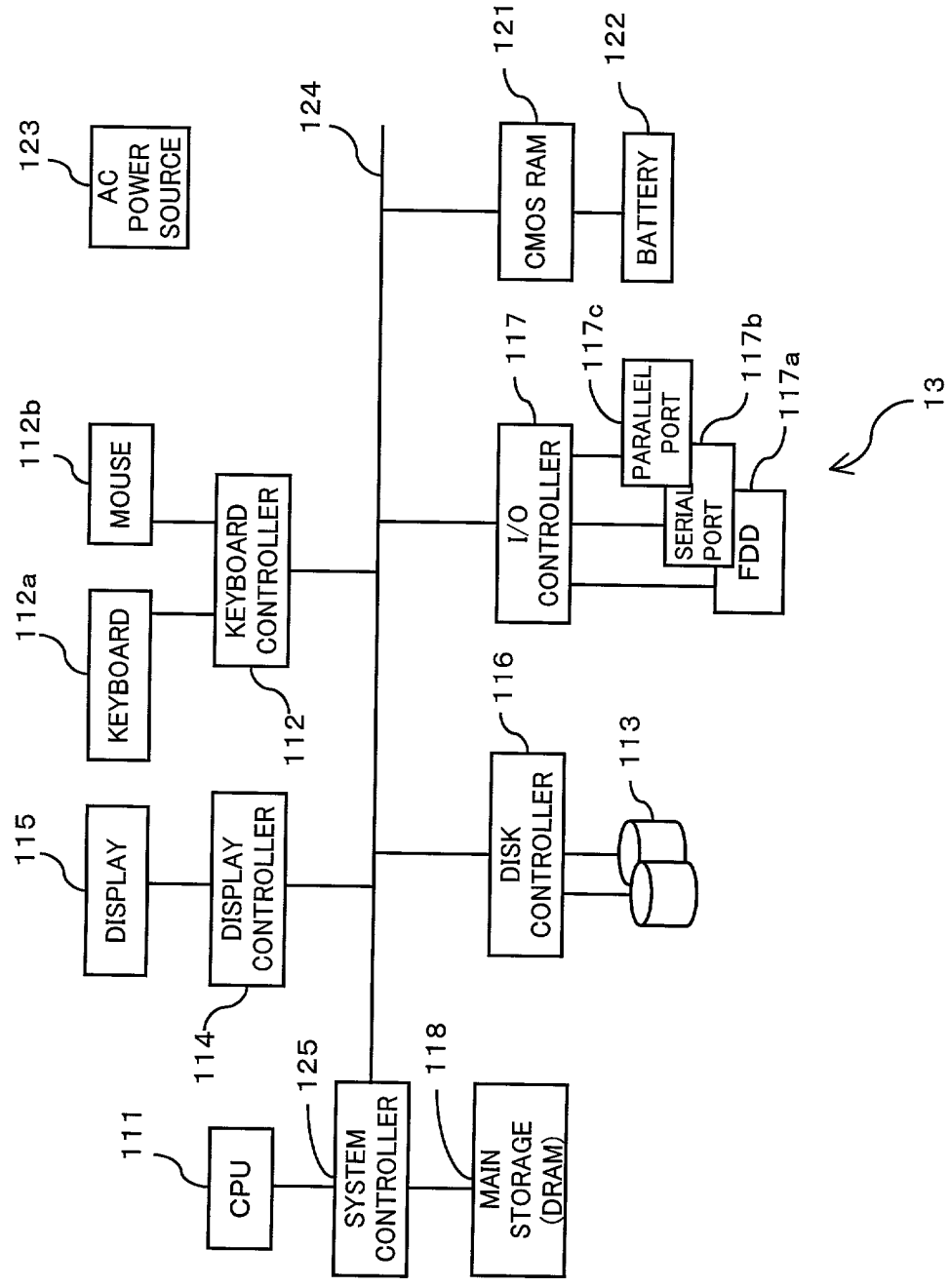


FIG. 4

OLD ADDRESS	NEW ADDRESS
xxx@division-A.some-company.co.jp	xxx@division-B.some-company.co.jp
aaa@division-A.some-company.co.jp	

  
30

## FIG. 5

Return-Path: <mail-master@some-company.co.jp>  
Received: from mail-master  
    (mail-master.some-company.co.jp [xxx.xxx.xxx.xxx])  
    by mail.some-company.co.jp (Post.Office MTA vx.x.x  
    release zzz-zzz-zzz ID# \*\*\*\*\*) with SMTP id AAAAAA  
    for <mail-master@some-company.co.jp>;  
    Wed, 24 Dec 1999 19:24:50 +0900  
X-Sender: mail-master@some-company.co.jp  
X-Mailer: Expanded Mailer V1.2  
Date: Wed, 24 Dec 1999 19:23:58 +0900  
To: john doe <jdoe@unknown-company.co.jp>  
From: mail-master <mail-master@some-company.co.jp>  
Subject: information of address change  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Message-ID: <some-unique-identifier@mail-master.some-company.co.jp>

An address of the mail you sent was changed.  
but the mail was delivered fairly.  
YOU DON'T HAVE TO SEND AGAIN.

expired address:  
    xxxx@some-company.co.jp  
changed to address:  
    xxxx@another-company.co.jp

please change your address-list.

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\*\*\*\*\* contents of mail \*\*\*  
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\*\*\*\*\*  
more information:  
    mail to mail-master@some-company.co.jp  
thank you.

FIG. 6

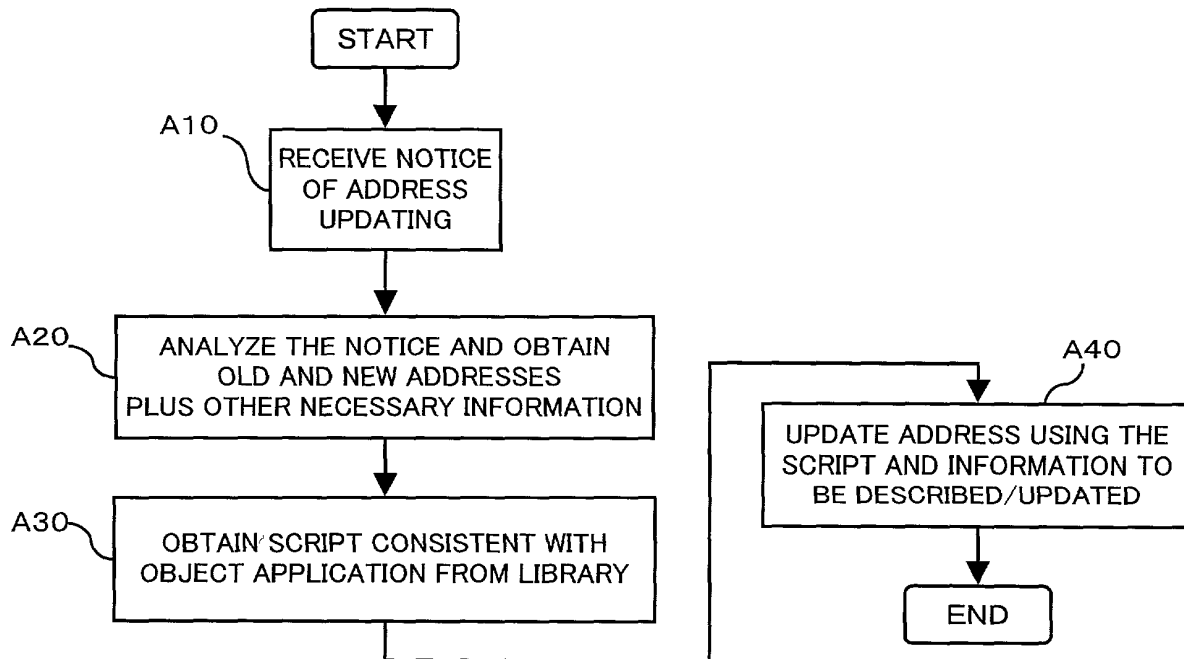


FIG. 7 is a flowchart illustrating a process for managing a mail address table. The process begins with a START block, followed by block B10: MAIL SERVER ADMINISTRATOR DELETES ADDRESS IN MAIL SERVER. This is followed by block B20: MAIL SERVER NOTIFIES MANAGING SERVER OF DELETION OF ADDRESS. Then, block B30: MANAGING SERVER ADDS NEW ROW TO MAIL ADDRESS MANAGEMENT TABLE. The process then proceeds to block B40: DESCRIBE OLD ADDRESS IN THE NEW ROW. This leads to decision block B50: WHETHER OR NOT CORRESPONDING NEW ADDRESS HAS BEEN DESCRIBED WITHIN A PREDETERMINED PERIOD. If the answer is YES, the process proceeds to the END block. If the answer is NO, the process proceeds to block B60: DELETE CORRESPONDING ROW IN LIST. After block B60, the process loops back to block B40.

FIG. 7

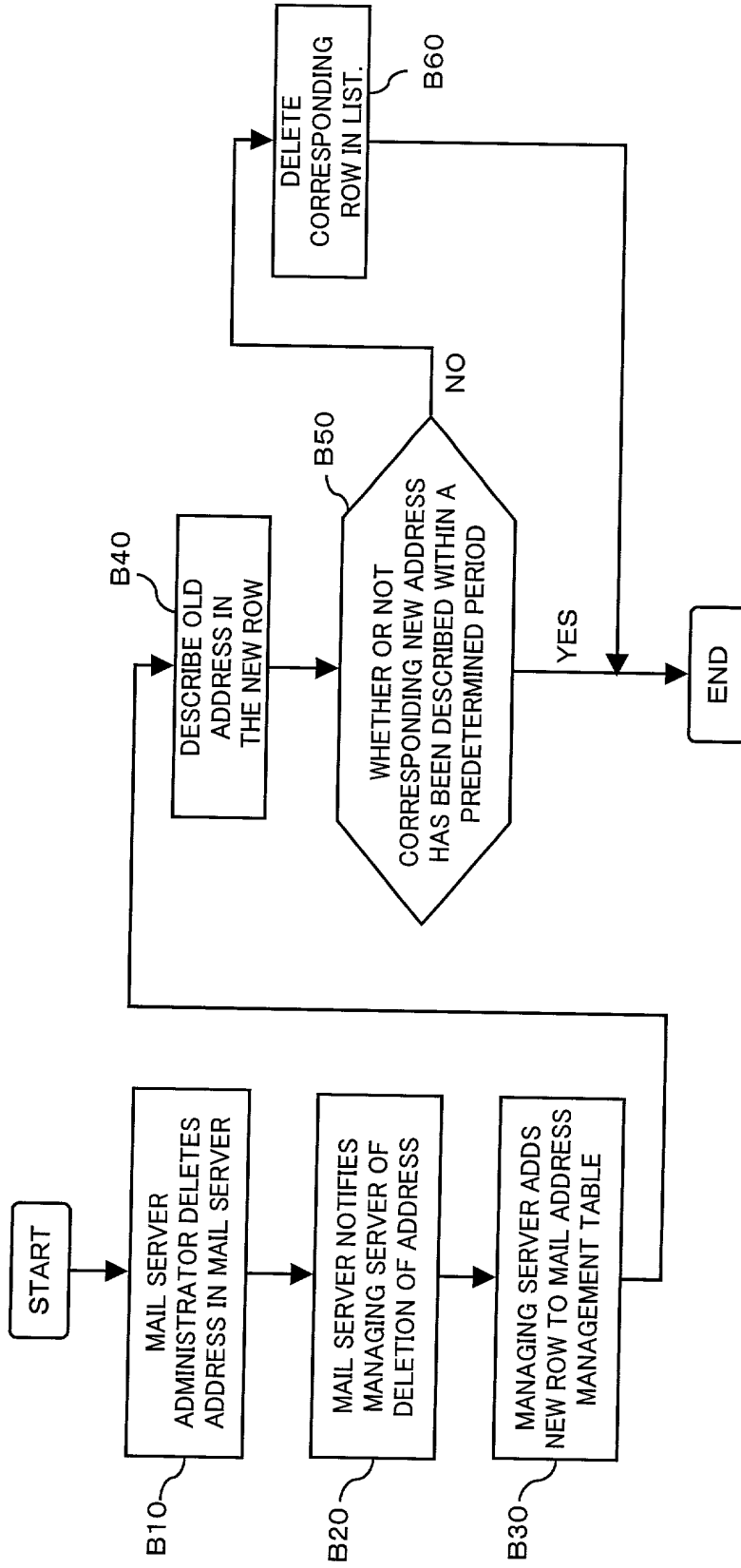


FIG. 8

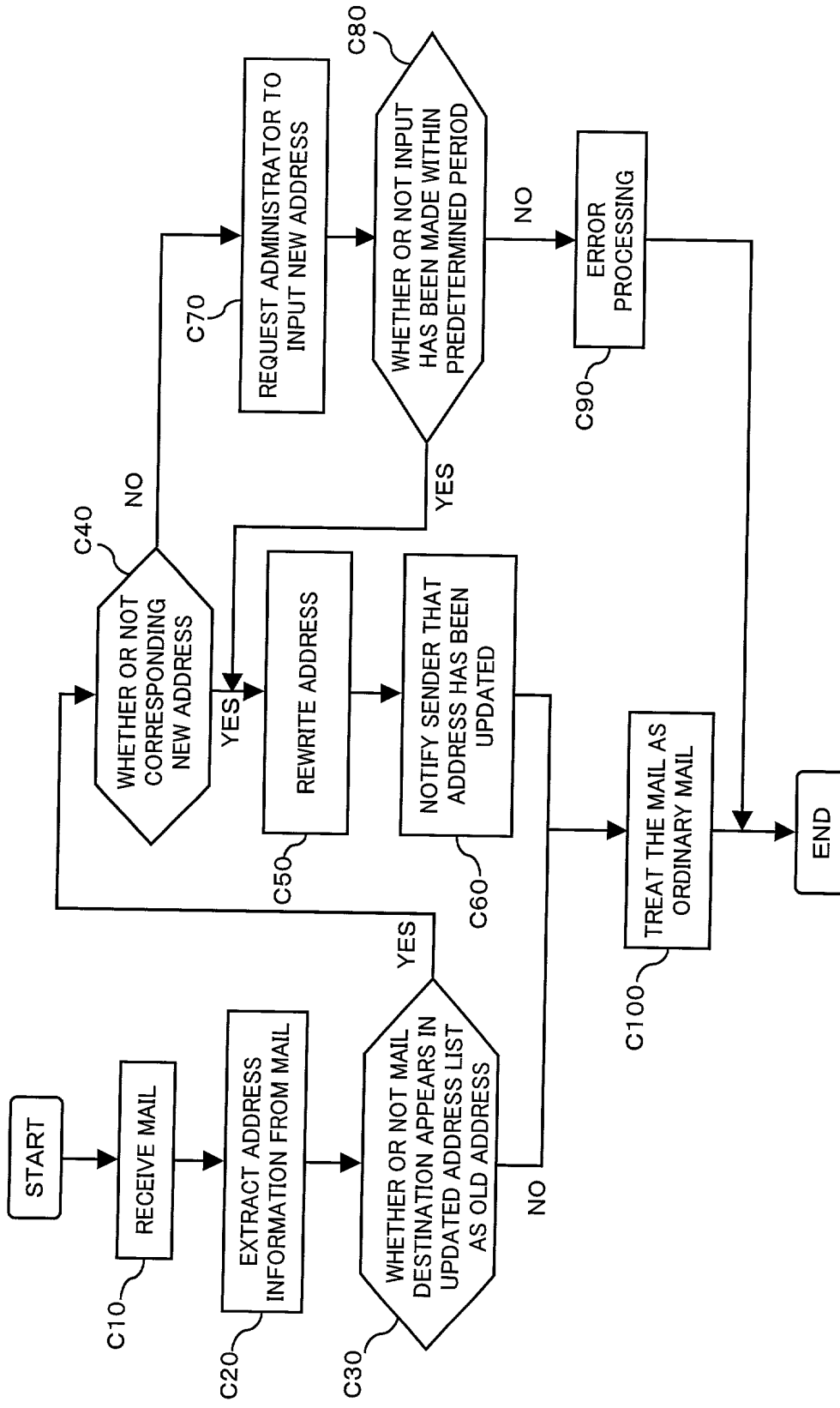




FIG. 9

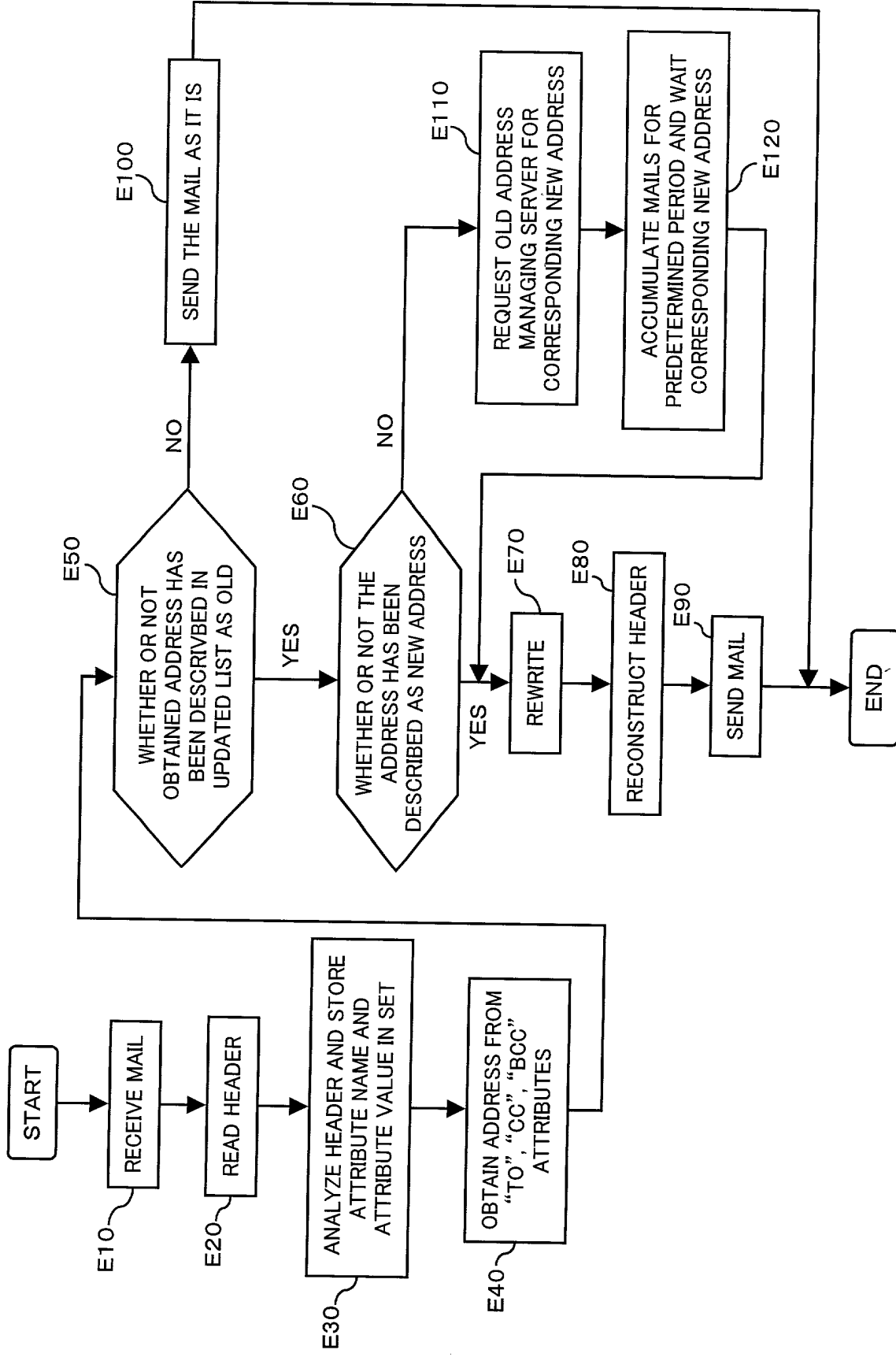
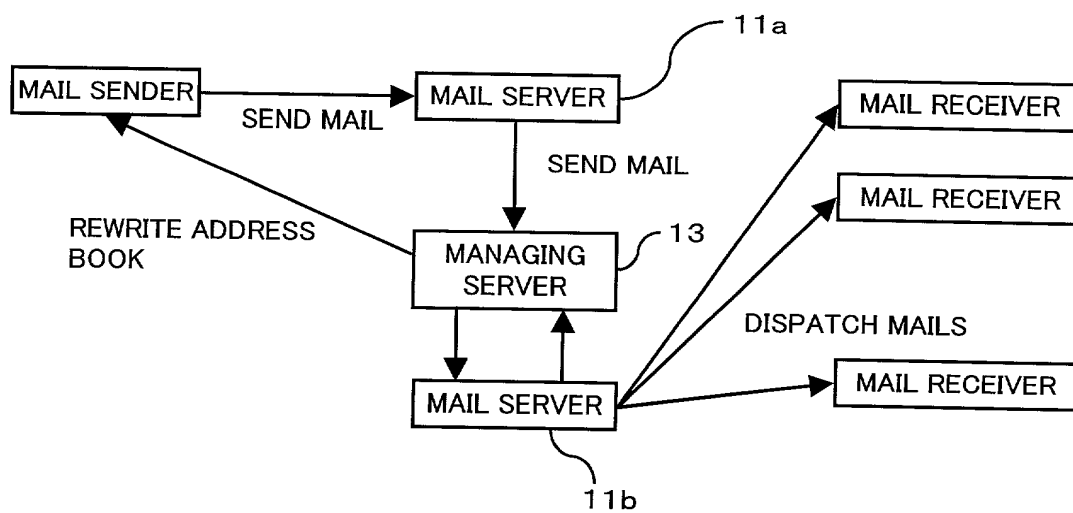
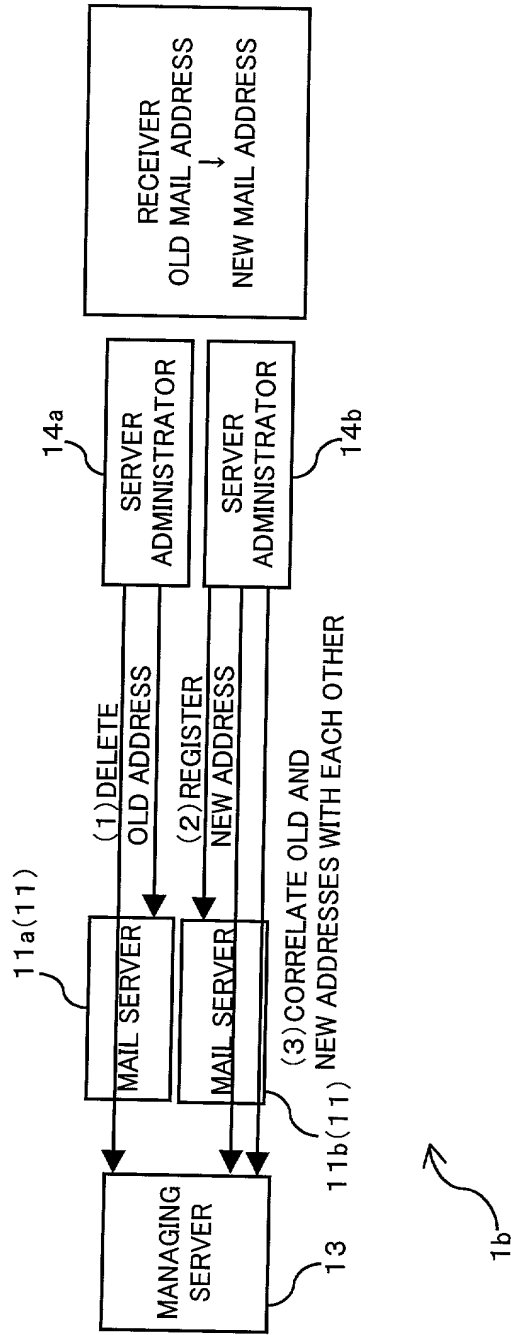


FIG. 10





**FIG. 12**



# FIG. 13

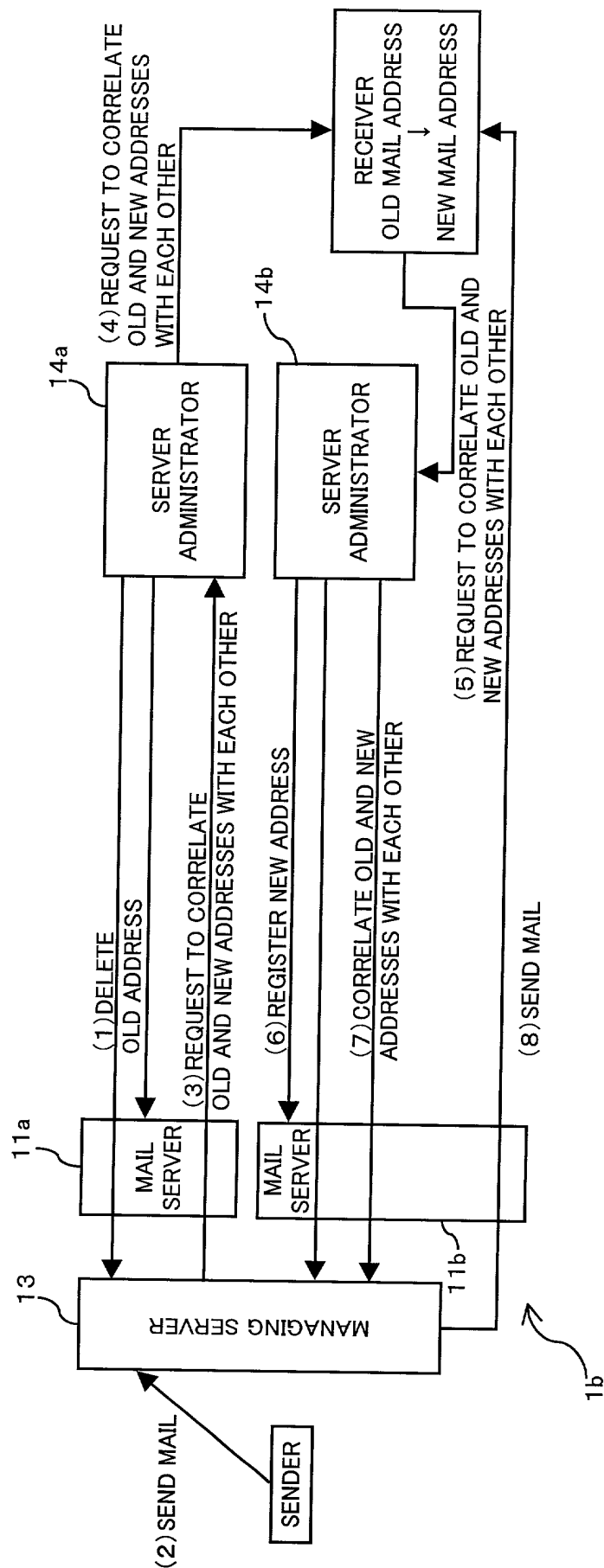


FIG. 14

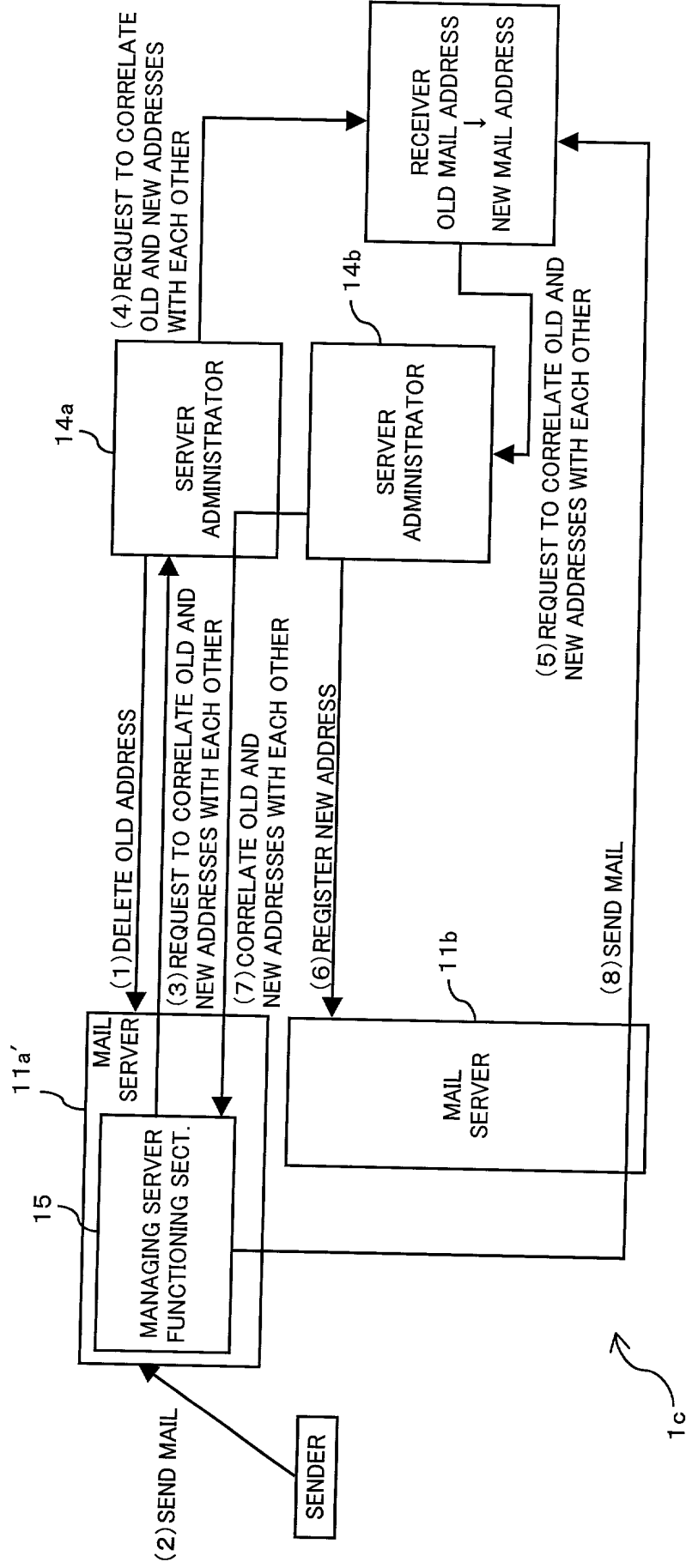




FIG. 16

	xxx@aa.bbb.co.jp	yyy@cc.bbb.co.jp	
RECEIVED SIZE RESTRICTION (KB/CASE)	1024	1024	
COMPRESSION TOOL	Lha	Zip	
DIVIDE/COMBINE	POSSIBLE	POSSIBLE	
CIPHER	POSSIBLE	IMPOSSIBLE	

40



FIG. 17

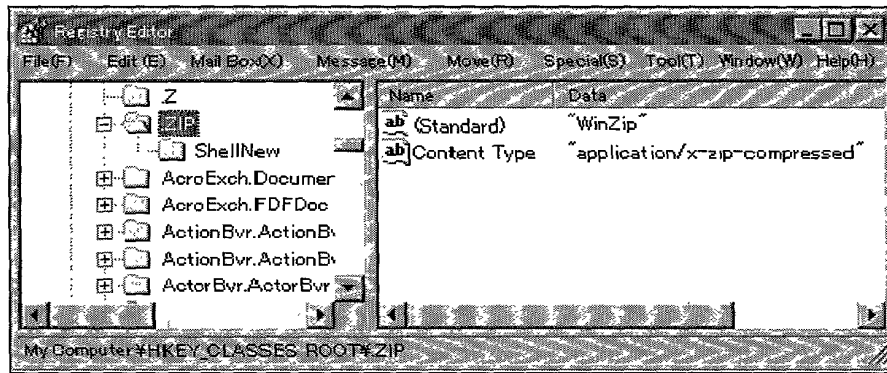


FIG. 18

FIG. 18

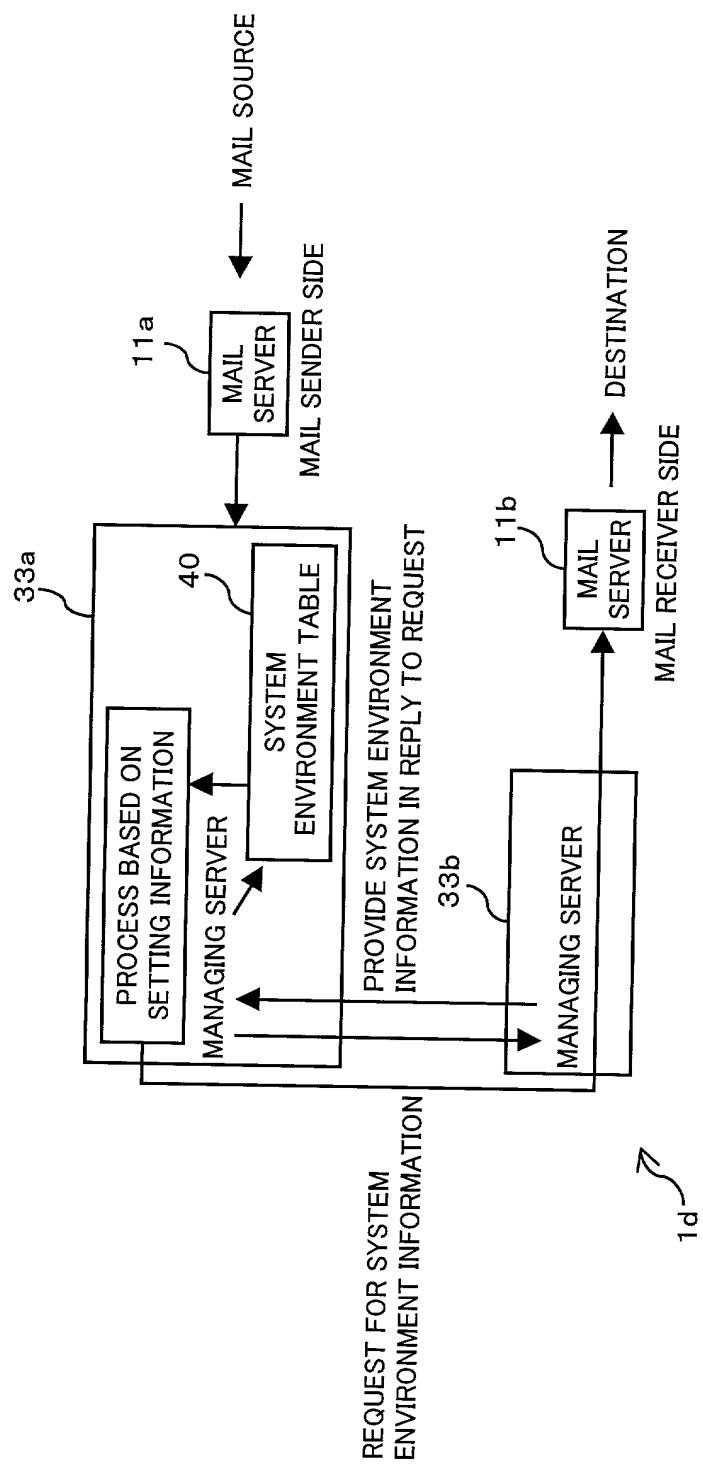


FIG. 19

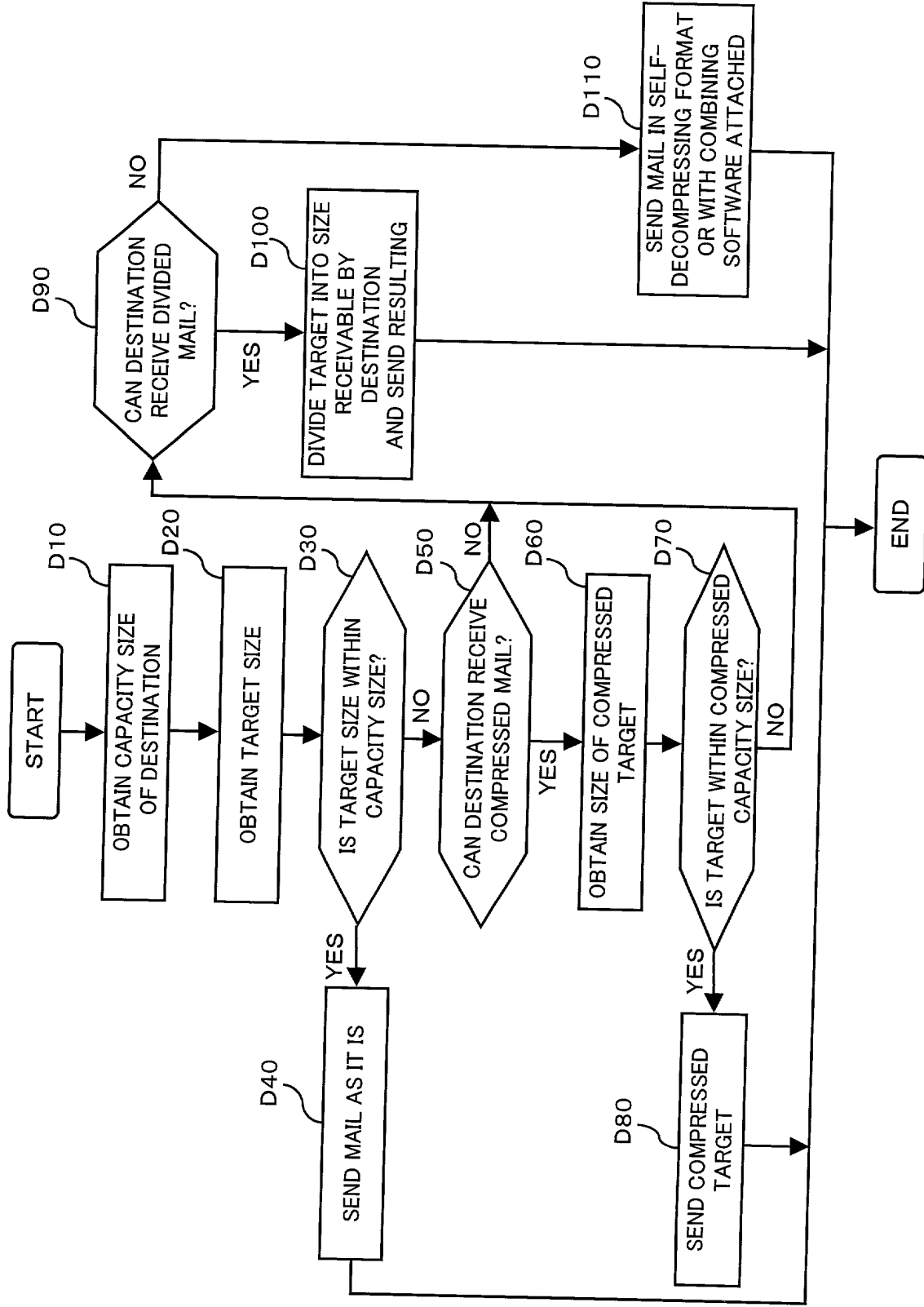


FIG. 20

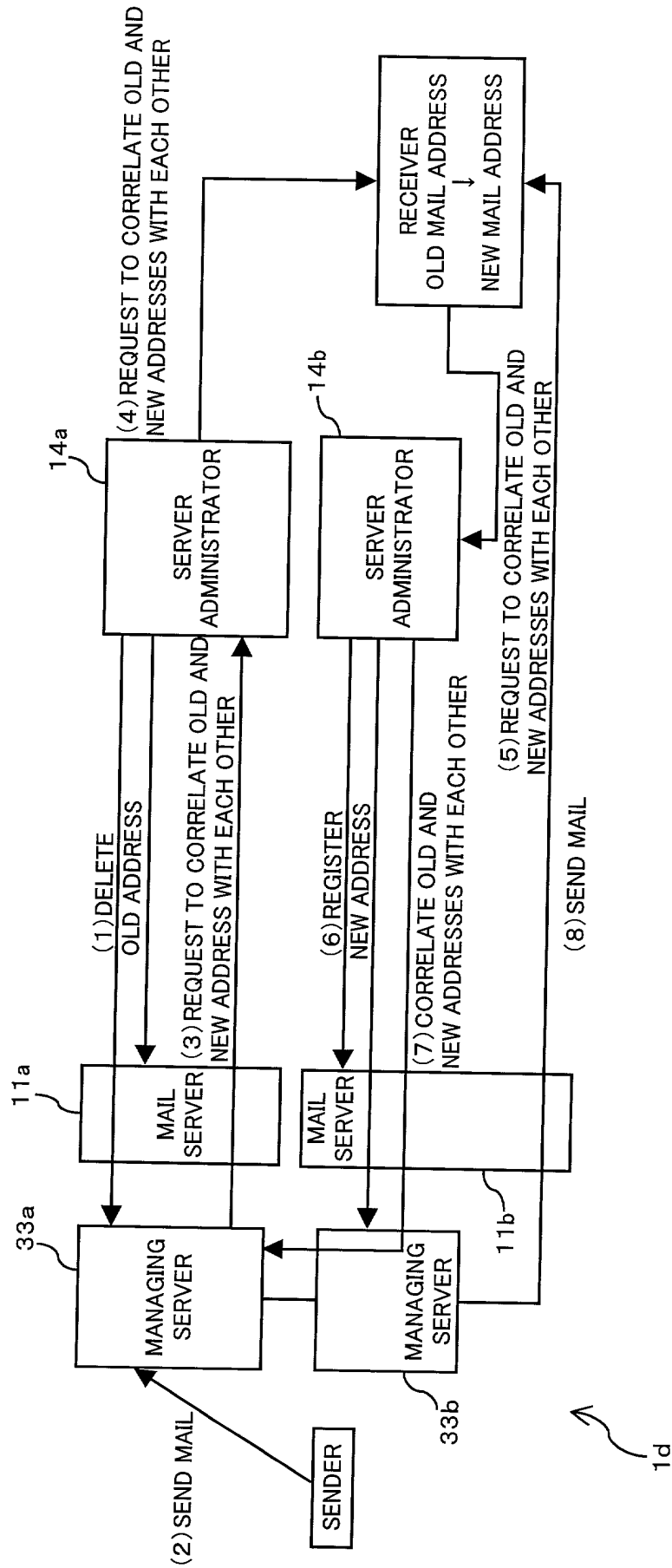


FIG. 21 is a block diagram of a system for managing mail addresses. The system includes a sender 15, a mail server 11a, a managing server functioning section 15a, a mail server 11b, a managing server functioning section 15b, a server administrator 14a, and a server administrator 14b. The system is configured to perform the following steps: (1) DELETE OLD ADDRESS, (2) SEND MAIL, (3) REQUEST TO CORRELATE OLD AND NEW ADDRESSES WITH EACH OTHER, (4) REQUEST TO CORRELATE OLD AND NEW ADDRESSES WITH EACH OTHER, (5) REQUEST TO CORRELATE OLD AND NEW ADDRESSES WITH EACH OTHER, (6) REGISTER NEW ADDRESS, (7) CORRELATE OLD AND NEW ADDRESSES WITH EACH OTHER, and (8) SEND MAIL.

FIG. 21

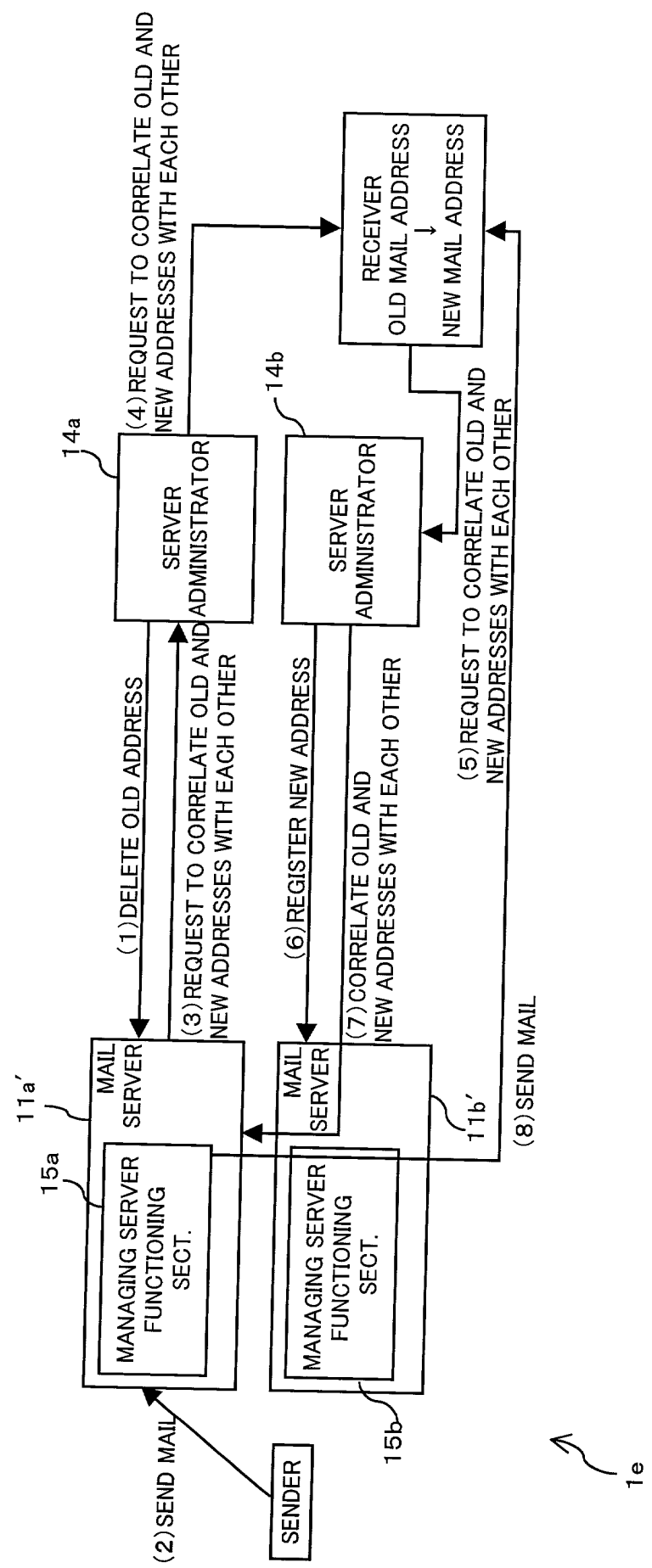


FIG. 22

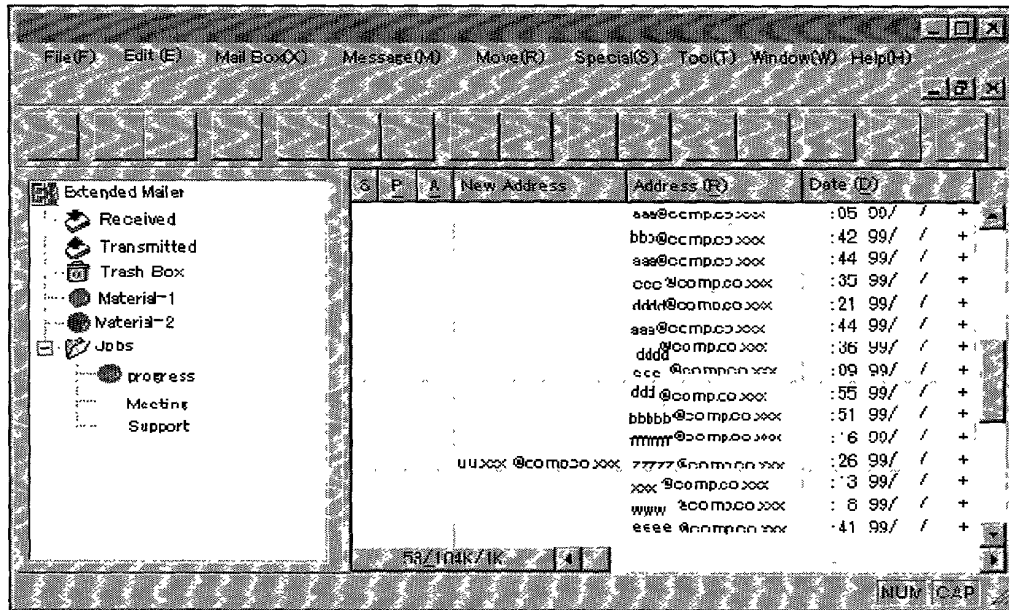
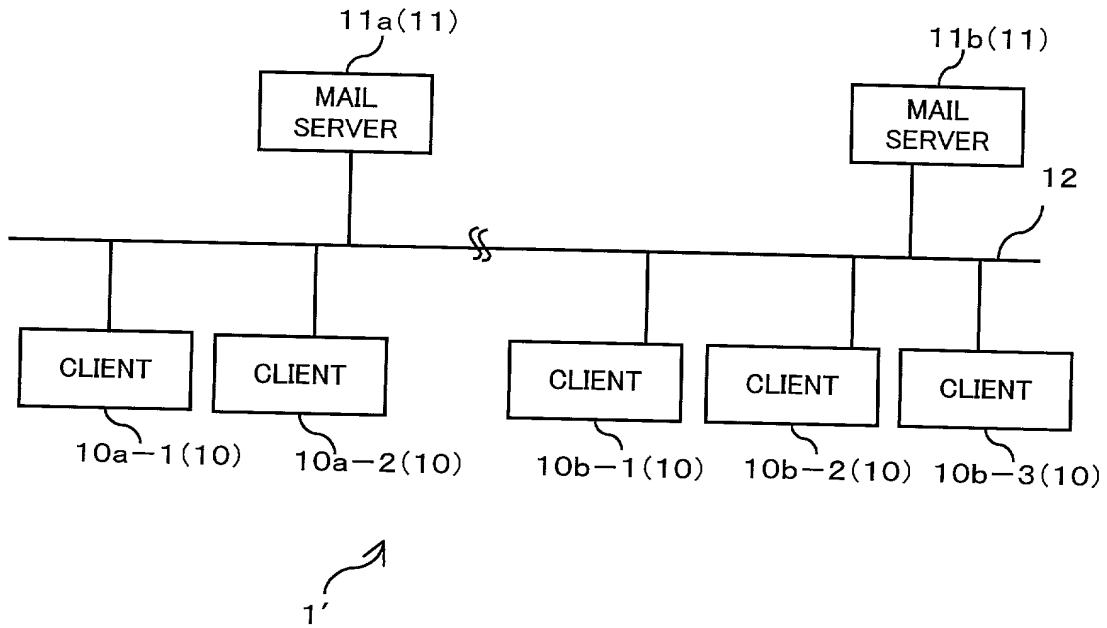


FIG. 23

CURRENT ADDRESS	NAME	EACH KIND OF ATTRIBUTE
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60

**FIG. 24**  
(RELATED ART)





**FIG. 25**  
(RELATED ART)

